

AWS Migration Assignment - 1

You have been asked to:

1. Create an Ubuntu server VM on your local machine by using Oracle Virtual Box

Oracle Virtual Box - <https://www.virtualbox.org/wiki/Downloads>

Ubuntu server ISO file - <https://releases.ubuntu.com/18.04.5/ubuntu-18.04.5-live-server-amd64.iso>

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Your Battery is charging

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Ubuntu-server [Running] - Oracle VM VirtualBox

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ubuntu

Try Ubuntu without installing

Try Ubuntu without installing (safe graphics)

Install Ubuntu

Install Ubuntu (safe graphics)

Test memory

Boot from first hard disk

F1 Help F2 Language F3 Keymap F4 Modes F5 Accessibility F6 Other Options

Right Ctrl

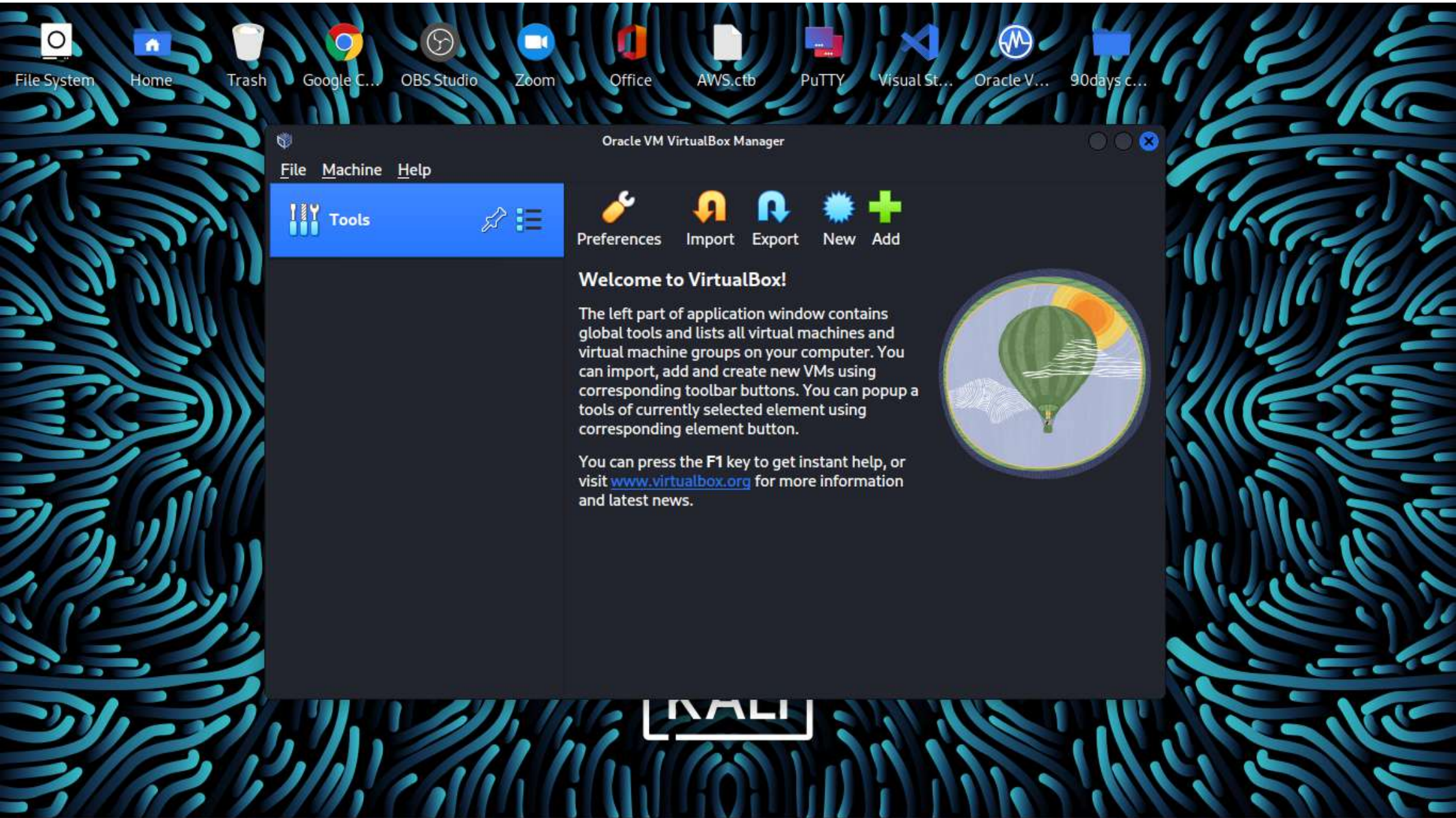
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Oracle Virtual Box

18.04.5-live-server-amd64.iso

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File System



Home



Trash



Google C...



OBS Studio



Zoom



Office



AWS.cfb



PuTTY



Visual St...



Oracle V...



90days c...



Oracle VM VirtualBox Manager

File Machine Help



Tools



Preferences



Import



Export



New



Add

Welcome to VirtualBox!

The left part of application window contains global tools and lists all virtual machines and virtual machine groups on your computer. You can import, add and create new VMs using corresponding toolbar buttons. You can popup a tools of currently selected element using corresponding element button.

You can press the F1 key to get instant help, or visit www.virtualbox.org for more information and latest news.




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Create Virtual Machine



Virtual machine Name and Operating System

Please choose a descriptive name and destination folder for the new virtual machine. The name you choose will be used throughout VirtualBox to identify this machine. Additionally, you can select an ISO image which may be used to install the guest operating system.

Name:

Folder:

ISO Image:

Edition:

Type:

Version:

☐ Skip Unattended Installation

No ISO image is selected, the guest OS will need to be installed manually.

[Help](#) [Expert Mode](#) [Back](#) [Next](#) [Cancel](#)

Go to next wizard page.

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Create Virtual Machine

Hardware

You can modify virtual machine's hardware by changing amount of RAM and virtual CPU count. Enabling EFI is also possible.

Base Memory: 4 MB 2048 MB 16384 MB

Processors: 1 CPU 4 CPUs

☐ Enable EFI (special OSES only)

Help Back Next Cancel

Go to next wizard page.

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Screenshot taken
View image

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Virtual Hard disk

If you wish you can add a virtual hard disk to the new machine. You can either create a new hard disk file or select an existing one. Alternatively you can create a virtual machine without a virtual hard disk.

- ☒ Create a Virtual Hard Disk Now
 - Disk Size:

4.00 MB

25.00 GB

2.00 TB

☐ Pre-allocate Full Size
 - ☐ Use an Existing Virtual Hard Disk File

Empty
 - ☐ Do Not Add a Virtual Hard Disk

Help

Back

Next

Cancel

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Create Virtual Machine



Summary

The following table summarizes the configuration you have chosen for the new virtual machine. When you are happy with the configuration press Finish to create the virtual machine. Alternatively you can go back and modify the configuration.

* Machine Name and OS Type	
Machine Name	Ubuntu-server
Machine Folder	/home/kali/VirtualBox VMs/Ubuntu-server
ISO Image	
Guest OS Type	Ubuntu (64-bit)
■ Hardware	
Base Memory	2048
Processor(s)	1
EFI Enable	false
🖥️ Disk	
Disk Size	25.00 GB
Pre-allocate Full Size	false

[Help](#) [Back](#) [Finish](#) [Cancel](#)

Commit all wizard data.

Screenshot taken
View image



ver-amd64.iso

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Oracle VM VirtualBox Manager

File Machine Help

Tools

New Add Settings Discard Start

Ubuntu-server
Powered Off

General
Name: Ubuntu-server
Operating System: Ubuntu (64-bit)

System
Base Memory: 2048 MB
Boot Order: Floppy, Optical, Hard Disk
Acceleration: Nested Paging, KVM Paravirtualization

Display
Video Memory: 16 MB
Graphics Controller: VMSVGA
Remote Desktop Server: Disabled
Recording: Disabled

Storage
Controller: IDE
IDE Secondary Device 0: [Optical Drive] Empty
Controller: SATA
SATA Port 0: Ubuntu-server.vdi (Normal, 25.00 GB)

Preview
Screenshot taken
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Ubuntu-server

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General

System

Display

Storage

Audio

Network

Serial Ports

USB

Shared Folders

User Interface

General

Basic

Advanced

Description

Disk Encryption

Name: Ubuntu-server

Type: Linux

Version: Ubuntu (64-bit)

OK

Cancel

Help

SATA PORT 0:

Ubuntu-server.vdi (Normal, 25.00 GB)

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Ubuntu-server - Settings

General

System

Display

Storage

Audio

Network

Serial Ports

USB

Shared Folders

User Interface

System

Motherboard

Processor

Acceleration

Base Memory: 2048 MB

4 MB

16384 MB

Boot Order:

☒ Floppy

☒ Optical

☒ Hard Disk

☐ Network

Chipset: PIIX3

TPM: None

Pointing Device: USB Tablet

Extended Features:

☒ Enable I/O APIC

☒ Enable Hardware Clock in UTC Time

☐ Enable EFI (special OSes only)

☐ Enable Secure Boot

Reset Keys to Default

OK

Cancel

Help

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Network

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TPM: None

Pointing Device: USB Tablet

Extended Features:

Enable I/O APIC

Enable Hardware Clock in UTC Time

Enable EFI (special OSes only)

Enable Secure Boot

Reset Keys to Default

OK

Cancel

Help

Power Manager

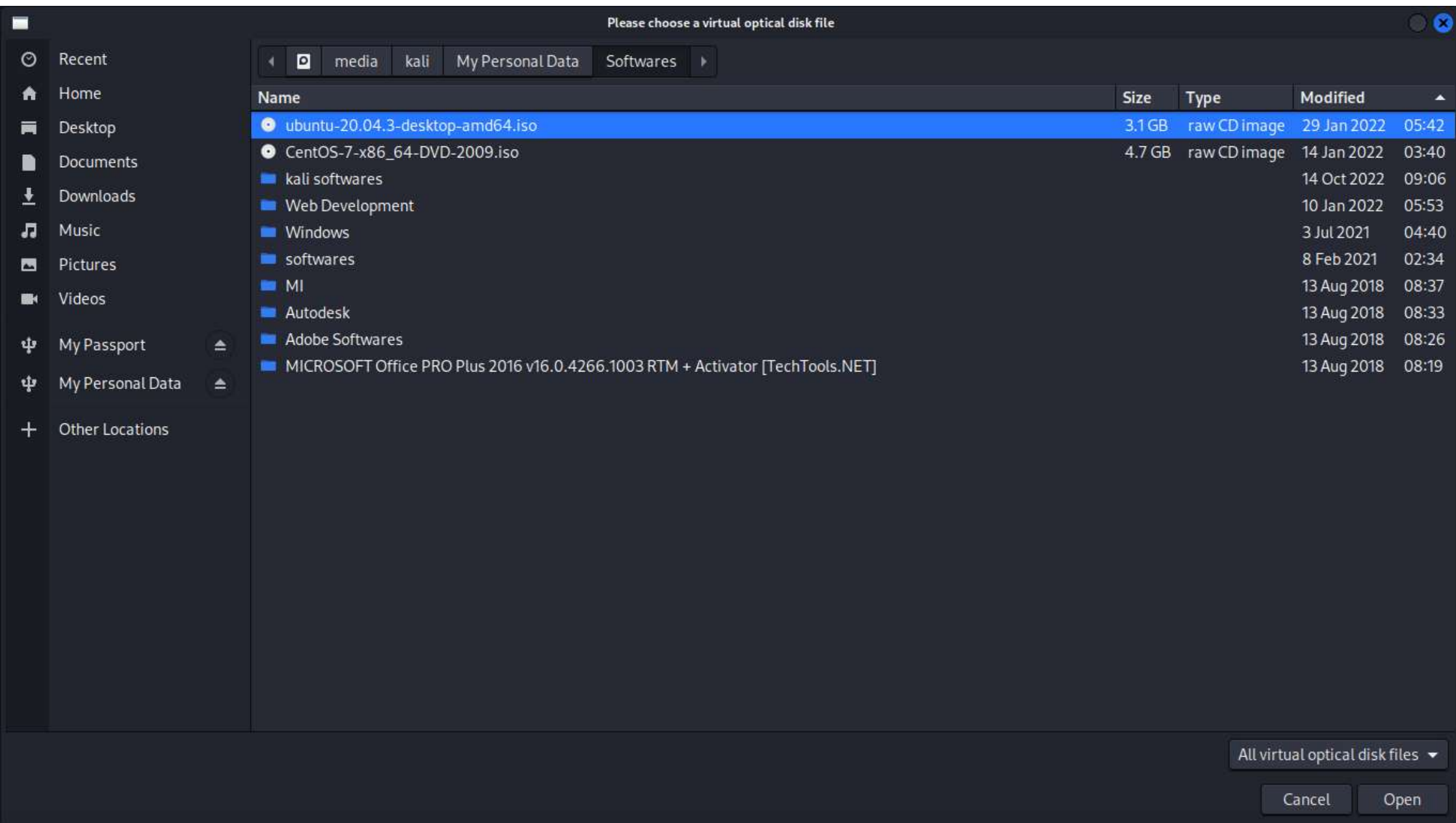
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Storage Devices

Controller: IDE

ubuntu-20.04.3-desktop-a...

Controller: SATA

Ubuntu-server.vdi

Attributes

Optical Drive: IDE Secondary Device 0

Live CD/DVD

Information

Type: Image

Size: 2.86 GB

Location: /media/kali/My Personal Data/Soft...

Attached to: --

OK

Cancel

Help

Screenshot taken

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Checking disks: 55% complete

Checking ./pool/restricted/l/linux-resl

Checking ./casper/filesystem.squashfs

s-nvidia-470-5.11.0-27-generic_5.11.0

ubuntu

Right Ctrl

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Ubuntu-server [Running] - Oracle VM VirtualBox

File Machine View Input Devices Help

Jan 5 11:25

Install

Keyboard layout

Choose your keyboard layout:

English (Australian)
English (Cameroon)
English (Ghana)
English (Nigeria)
English (South Africa)
English (UK)

English (US)
Esperanto
Estonian
Faroese
Filipino
Finnish
French

English (US)

English (US) - Cherokee
English (US) - English (Colemak)
English (US) - English (Dvorak)
English (US) - English (Dvorak, alt. intl.)
English (US) - English (Dvorak, intl., with dead keys)
English (US) - English (Dvorak, left-handed)
English (US) - English (Dvorak, right-handed)
English (US) - English (Macintosh)
English (US) - English (Norman)
English (US) - English (US, alt. intl.)
English (US) - English (US, euro on 5)
English (US) - English (US, intl., with dead keys)
English (US) - English (US, intl., with dead keys)

Type here to test your keyboard

Detect Keyboard Layout

Quit

Back

Continue

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EN

16:55

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Jan 5 11:25

Install

Updates and other software

What apps would you like to install to start with?

☐ Normal installation
Web browser, utilities, office software, games, and media players.

☒ Minimal installation
Web browser and basic utilities.

Other options

☐ Download updates while installing Ubuntu
This saves time after installation.

☐ Install third-party software for graphics and Wi-Fi hardware and additional media formats
This software is subject to license terms included with its documentation. Some is proprietary.

Quit Back Continue

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Jan 5 11:26

Install

Installation type

This computer currently has no detected operating systems. What would you like to do?

- ☒ Erase disk and install Ubuntu
 - Warning:** This will delete all your programs, documents, photos, music, and any other files in all operating systems.
 - Advanced Features... None selected

Write the changes to disks?

If you continue, the changes listed below will be written to the disks. Otherwise, you will be able to make further changes manually.

The partition tables of the following devices are changed:
SCSI3 (0,0,0) (sda)

The following partitions are going to be formatted:
partition #1 of SCSI3 (0,0,0) (sda) as
partition #5 of SCSI3 (0,0,0) (sda) as ext4

Go Back Continue

Back Install Now

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.iso

Right Ctrl

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Ubuntu-server [Running] - Oracle VM VirtualBox

File Machine View Input Devices Help

Jan 5 16:58

Install

Who are you?

Your name: ✓

Your computer's name: ✓
The name it uses when it talks to other computers.

Pick a username: ✓

Choose a password: Weak password

Confirm your password: ✓

☐ Log in automatically

☒ Require my password to log in

☐ Use Active Directory

You'll enter domain and other details in the next step.

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File Machine View Input Devices Help

Jan 5 16:59

Install

Find even more software

Say goodbye to searching the web for new software. With access to the Snap Store and the Ubuntu software archive, you can find and install new apps with ease. Just type in what you're looking for, or explore categories such as Graphics & Photography, Games and Productivity, alongside helpful reviews from other users.

Featured Applications

VLC The ultimate media player

Categories

- Audio & Video
- Communication & News
- Productivity
- Games
- Graphics & Photography
- Add-ons

Editor's Picks

- youtube-dl
- OpenRA
- Notepad-Plus...
- Audacity
- Firefox

Recent Releases

Copying files...

Skip

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AWS DevOps

AWS Projects

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File Machine View Input Devices Help

Jan 5 17:07

Install

Help and support

The official documentation covers many of the most common areas about Ubuntu. It's available both **online** and via the Help icon in the Dock.

At **Ask Ubuntu** you can ask questions and search an impressive collection of already answered questions. Support in your own language may be provided by your **Local Community Team**.

For pointers to other useful resources, please visit **Community support** or **Commercial support**.

Configuring hardware... Skip

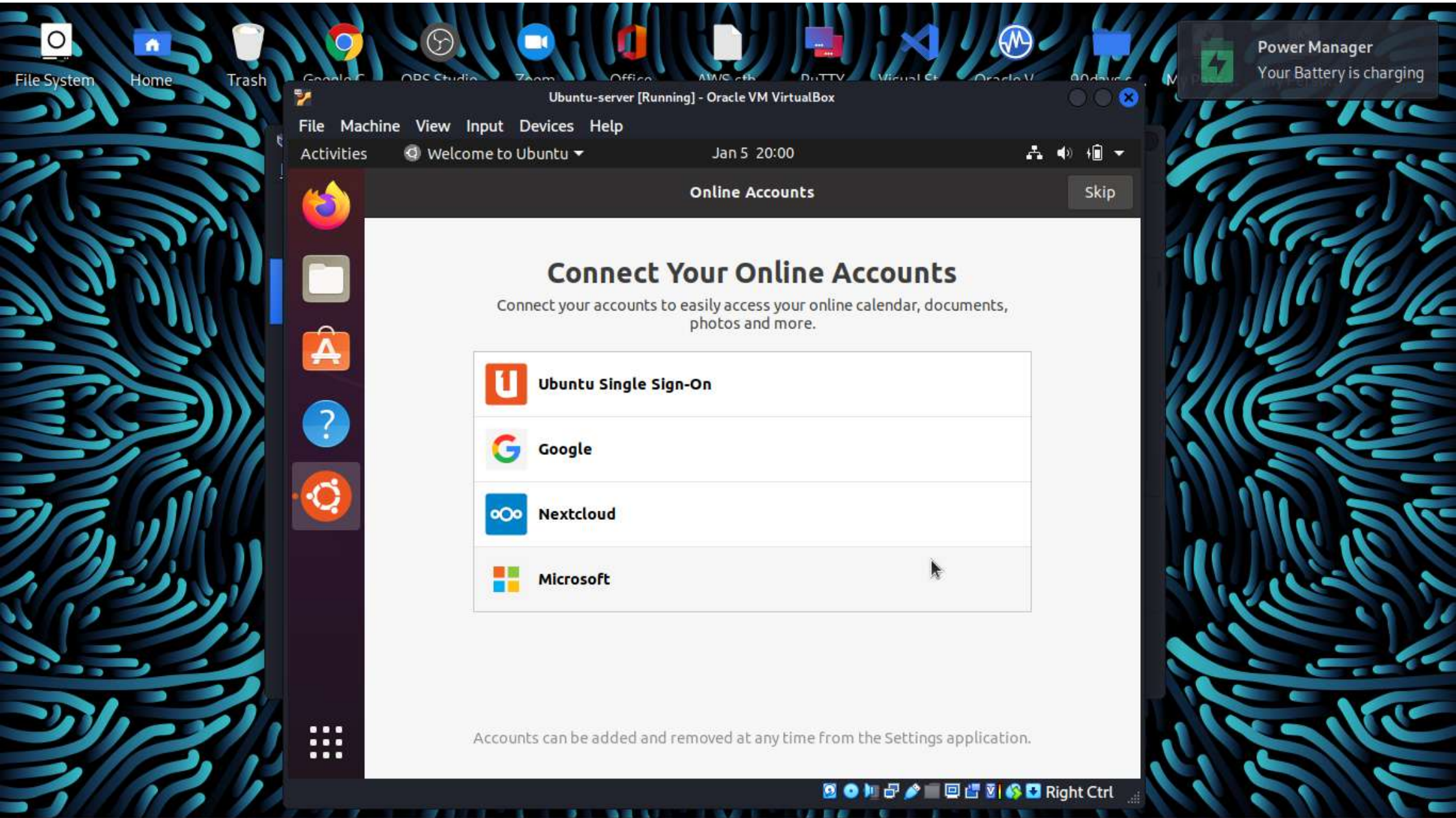
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Right Ctrl

17:07



Power Manager
Your Battery is charging

Ubuntu-server [Running] - Oracle VM VirtualBox

File Machine View Input Devices Help

Activities

Welcome to Ubuntu

Jan 5 20:00

Network Volume Battery

Online Accounts

Skip

Connect Your Online Accounts

Connect your accounts to easily access your online calendar, documents, photos and more.



Ubuntu Single Sign-On



Google



Nextcloud



Microsoft

Accounts can be added and removed at any time from the Settings application.

System icons Right Ctrl

